DAY 06 ASSIGNEMENT

QUESTION-01

Write a function to find the maximum element in the stack.

sol:class stackwithmax

def push(self.x):

self.mainstack.append(x)

if(len(self.mainstack)==1):

self.trackstack.append(x)

return

if(x>self.trackstack[-1]):

self.trackstack.append(self.trackstack[-1])

def getmax(self):

return self.trackstack[-1]

def pop(self):

self.mainstack.pop()

self.trackstack.pop()

QUESTION-02

Write a function to find minimum element in the stack.

sol:def getmin(self):

if self.top is none:

return(" stack is empty")

else:

printf("minimum element in the stack is:{}.format(self.minimum))